21st Century Teaching and Learning

Description: The following sets of questions are intended as a perceptual scan to measure your LEAs progress in using technology appropriately and effectively in preparing students for the 21st Century.

Technology-Supported Instruction and Assessment:

Below are a series of statements that address technology-supported instruction and assessment. For each statement, determine a rating that best describes your LEA practices. Base your responses on your experiences over the last two school years.

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| **Planning Technology-Supported Instruction** | **Accomplished** | **Developing** | **Needs Improvement** | **Non-existent** | **Specific Data/Evidence** |
| My LEA regularly encourages teachers to think about how technology can enhance their teaching or student learning. |  |  |  |  |  |
| My LEA provides professional development that prepares teachers to utilize research regarding the effective and appropriate integration of technology. |  |  |  |  |  |
| When selecting educational technologies, teachers in my LEA are encouraged to base their selections on research-based effective practice. |  |  |  |  |  |
| My LEA provides professional development that includes opportunities for teachers to see technology-supported learning in classrooms similar to their own and allows them to practice skills in real or simulated classroom settings. |  |  |  |  |  |
| Teachers in my LEA can effectively plan for instruction that involves students using technology. |  |  |  |  |  |
| **Executing Technology-Supported Instruction** | **Accomplished** | **Developing** | **Needs Improvement** | **Non-existent** | **Specific Data/Evidence** |
| Teachers in my LEA appropriately and effectively use technology to enhance learning. |  |  |  |  |  |
| My LEA provides professional development that prepares teachers to authentically embed the development of 21st Century Skills into lessons. |  |  |  |  |  |
| Teachers in my LEA have appropriate and effective classroom management and organizational strategies for using technology. |  |  |  |  |  |
| My LEA provides professional development that includes classroom management and organizational strategies for using technology. |  |  |  |  |  |
| **Technology and Assessment** | **Accomplished** | **Developing** | **Needs Improvement** | **Non-existent** | **Specific Data/Evidence** |
| My LEA encourages or requires teachers to use technology to manage student assessment data. |  |  |  |  |  |
| My LEA provides professional development that includes strategies on using technology to gather, analyze, and interpret data to drive differentiated instruction. |  |  |  |  |  |
| Teachers in my LEA are comfortable and skillful in using technology to gather, analyze, and interpret data on student progress (e.g., by graphing trends in achievement, using hand-held computers to collect data on students as they learn). |  |  |  |  |  |
| Teachers in my LEA have effective strategies for assessing the content of students’ technology-supported work (e.g., assessing student work when the product includes research from several online sources, when the product is a web page or digital video rather than the traditional essay). |  |  |  |  |  |
| My LEA provides professional development that prepares teachers to assess student work produced with technology. |  |  |  |  |  |

21st Century Themes (Reference: The Partnership for 21st Century Skills, <http://www.p21.org/>)

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|  | **Extent to which your LEA addresses the 21st Century Theme in your curriculum** | | | | |
|  | **Accomplished** | **Developing** | **Needs Improvement** | **Non-existent** | **Specific Data/Evidence** |
| **Global Awareness** (e.g. understanding global issues, other nations and other cultures) |  |  |  |  |  |
| **Financial, Economic, Business and Entrepreneurial Literacy** (e.g. knowing how to make economic choices, understanding the role of the economy in society) |  |  |  |  |  |
| **Civic Literacy**  (e.g. learning how to participate effectively in civic life; exercising the rights and obligations of citizenship) |  |  |  |  |  |
| **Health Literacy**  (e.g. obtaining, interpreting and understanding basic health information and services; understanding preventative physical and mental measures) |  |  |  |  |  |
| **Environmental Literacy**  (e.g. demonstrating knowledge and understanding of the environment and the circumstances and conditions affecting it; taking individual and collective action towards addressing environmental challenges) |  |  |  |  |  |

21st Century Skills (Reference: The Partnership for 21st Century Skills, <http://www.p21.org/>)

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|  | **Extent to which your LEA teaches the 21st Century Skill** | | | | |
| **Learning and Innovation Skills** | **Accomplished** | **Developing** | **Needs Improvement** | **Non-existent** | **Specific Data/Evidence** |
| **Critical Thinking and Problem Solving** (e.g. effectively analyze and evaluate evidence, arguments, claims, and beliefs; solve different kinds of non-familiar problems in both conventional and innovative ways) |  |  |  |  |  |
| **Communication** (e.g. articulate thoughts and ideas effectively using oral and written communication skills in a variety of forms and contexts) |  |  |  |  |  |
| **Collaboration** (e.g. demonstrate ability to work effectively and respectfully with diverse teams) |  |  |  |  |  |
| **Creativity and Innovation**  (e.g. use a wide range of idea creation techniques to create new and worthwhile ideas) |  |  |  |  |  |
|  | **Extent to which your LEA teaches the 21st Century Skill** | | | | |
| **Information, Media and**  **Technology Skills** | **Accomplished** | **Developing** | **Needs Improvement** | **Non-existent** | **Specific Data/Evidence** |
| **Information Literacy** (e.g. access and evaluate information critically and competently; manage the flow of information from a wide variety of sources) |  |  |  |  |  |
| **Media Literacy** (e.g. understand both how and why media messages are constructed; create media products by understanding and utilizing the most appropriate media creation tools, characteristics and conventions) |  |  |  |  |  |
| **ICT (Information, Communication and Technology Literacy)** (e.g. use technology as a tool to research, organize, evaluate, and communicate information) |  |  |  |  |  |

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|  | **Extent to which your LEA teaches the 21st Century Skill** | | | | |
| **Life and Career Skills** | **Accomplished** | **Developing** | **Needs Improvement** | **Non-existent** | **Specific Data/Evidence** |
| **Flexibility and Adaptability** (e.g. adapts to change; is flexible) |  |  |  |  |  |
| **Initiative and Self-Direction** (e.g. manages goals and time; works independently; is a self-directed learner) |  |  |  |  |  |
| **Social and Cross-Culture Skills** (e.g. interacts effectively with others; works effectively in diverse teams) |  |  |  |  |  |
| **Productivity and Accountability** (e.g. manages projects; produces results) |  |  |  |  |  |
| **Leadership and Responsibility** (e.g. guides and leads others; responsible to others) |  |  |  |  |  |

**Data Reflections**

**Strengths:** List up to three areas of strength identified from your data analysis.

1.

2.

3.

**Concerns:** List up to three areas of concern identified from your data analysis.

1.

2.

3.